App. Serial No. 10/563,649 Docket No.: GB030108US

In the Claims:

Please amend claims 1-12 and add new claims 13-20 as indicated in the following listing of claims, which replaces all previous versions.

- 1. (Currently amended) A communications device comprising a rf circuit and an antenna connected by a (16), wherein the rf circuit includes coupling means for connecting the rf circuit to the antenna, the coupling means comprising an electrically conductive, self supporting member (18) having at least one feed pillar (24, 26) and a shorting pillar providing support (22), the pillars being substantially permanently connected to respective contact points of the rf circuit and extending from the rf circuit to, and an antenna interface of the self supporting member, the antenna connected to the antenna interface by (28) forming a pressure connection with the antenna.
- 2. (Currently amended) A device as claimed in claim 1, wherein the antenna comprises a dual band, dual feed antenna, characterised in that the self supporting member (18) has two feed pillars (24, 26) disposed one on either side of the shorting pillar (22).
- 3. (Currently amended) A device as claimed in claim 1, characterised in that the self supporting member (18) is metallic.
- 4. (Currently amended) A device as claimed in claim 1, characterised in that the self supporting member (18) comprises a metallised insulating material.
- 5. (Currently amended) A device as claimed in claim 1, characterised in that the self supporting member (18) comprises a metallised insulating material having at least one embedded capacitor (36).
- 6. (Currently amended) A device as claimed in claim 1 characterised in that the antenna (16) is a PIFA.

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- 7. (Currently amended) A rf module comprising a supporting member (14) having rf circuit components thereon and a connector to connect coupling means for connecting an rf output to an antenna (16), the connector coupling means comprising an electrically conductive, self supporting member (18) having at least one feed pillar (24, 26) and a shorting pillar providing support (22), the pillars (22, 24, 26) being substantially permanently connected to respective contact points of the rf circuit and extending from the rf circuit to, and an antenna interface of the self supporting member, the antenna interface adapted (28) for coupling to the antenna by a pressure connection.
- 8. (Currently amended) A module as claimed in claim 7, wherein the antenna comprises a dual band, dual feed antenna, characterised in that the self supporting member (18) has two feed pillars (24, 26) disposed one on either side of the shorting pillar (22).
- 9. (Currently amended) A module as claimed in claim 7, characterised in that the self supporting member (18) is metallic.
- 10. (Currently amended) A module as claimed in claim 7, characterised in that the self supporting member (18) comprises a metallised insulating material.
- 11. (Currently amended) A module as claimed in claim 7, characterised in that the self supporting member (18) comprises a metallised insulating material having at least one embedded capacitor (36).
- 12. (Currently amended) An antenna comprising a signal propagating and/or receiving element (16) having at least one rf feed termination (26) and a shorting termination (26), and an electrically conductive, self supporting member (18) having an antenna interface and at least one feed pillar (24, 26) and a shorting pillar extending from the antenna interface, the pillars adapted (22) to be substantially permanently connected to respective contact points of an rf circuit, and an the antenna interface (28) providing a pressure connection with the at least one rf feed termination and the shorting termination.

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13. (New) A device as claimed in claim 1, wherein the antenna is further supported by mounting posts disposed between the antenna and the rf circuit around the antenna periphery.

14. (New) A device as claimed in claim 1, further comprising a housing and wherein the antenna is supported by the housing.

15. (New) A device as claimed in claim 1, wherein the antenna includes a plurality of spring contacts to form the pressure connection with the antenna interface.

16. (New) A device as claimed in claim 1, wherein the antenna interface is located to minimize differential mode currents.

17. (New) A device as claimed in claim 15, wherein the antenna interface is located to minimize differential mode currents.

18. (New) A device as claimed in claim 17, wherein an area between the at least one feed pillar and the shorting pillar contains part of a bandwidth broadening resonant circuit, a remaining portion of the bandwidth broadening resonant circuit residing on a circuit board that contains the rf circuit.

19. (New) An antenna as claimed in claim 12, wherein the antenna includes at least one spring contact to form the pressure connection with the antenna interface.

20. (New) An antenna as claimed in claim 19, wherein the pressure connection is located to minimize differential mode currents.